



CITY OF HENDERSONVILLE AGENDA ITEM SUMMARY

SUBMITTER: Adam Steurer **MEETING DATE:** April 7, 2022

AGENDA SECTION: New Business **DEPARTMENT:** Utilities

**TITLE OF ITEM,
Presenter Name, Title:** Resolution to Apply for Funding for the WWTF Biosolids Dryer Project
– Adam Steurer, Utilities Engineer

SUGGESTED MOTION(S): I move City Council to adopt the Resolution by the City Council to
apply for funding for the WWTF Biosolids Thermal Dryer Project

SUMMARY:

The North Carolina Department of Environmental Quality Division of Water Infrastructure is accepting State Revolving Fund (SRF) low-interest loan applications by May 2, 2022 for water and wastewater projects. Staff is recommending applying for a SRF low-interest loan to fund the WWTF Biosolids Thermal Dryer Project, which was the recommended alternative at the WWTF in the recently completed *Solids Management Plan Evaluation*. Once operational, the biosolids dryer will produce a high-quality, thermally dried product that is safe for beneficial reuse through distribution or land application. The project will also reduce the volume of material produced achieving a solids content of ~90% as opposed to the current ~16% currently produced. It is the intent that current biosolid hauling and disposing costs at permitted landfills will be generally offset with low-interest loan repayments and the additional operational and maintenance costs associated with the new equipment. This project will also reduce the utility's vulnerability on reliance of the volatile private hauling and landfills disposal markets.

The attached resolution is required for the application.

BUDGET IMPACT: \$11,144,000.

Is this expenditure approved in the current fiscal year budget? N/A

If no, describe how it will be funded. N/A

ATTACHMENTS:

Resolution

WWTF Biosolids Dryer – Lifecycle Cost Analysis Summary